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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	09660500
Filing Date	2000-09-12
First Named Inventor	STURNIOLO
Art Unit	2142
Examiner Name	Prieto
Attorney Docket Number	3978-2

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BP	1	6496491		2002-12-17	Chuah et al.	

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BP	2	20050159173	A1	2005-07-21	Dowling	

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
BP	1	"Viatores Mobile VPN, Technical Overview," pp. 1-19, Ecutel, Inc., Alexandria, VA (08/2001)	☐

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INFORMATION DISCLOSURE CITATION

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Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	**TC/A.U.**
September 12, 2000	2142

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		4697281	09/1987	O'Sullivan.			
		4833701	05/1989	Comroe et al.			
		4969184	11/1990	Gordon et al.			
		4972457	11/1990	O'Sullivan.			
		4989230	01/1991	Gillig et al.			
		5042082	08/1991	Dahlin.			
		5127041	06/1992	O'Sullivan.			
		5173933	12/1992	Jabs et al.			
		5212724	05/1993	Nazarenko et al.			
		5249218	09/1993	Sainton.			
		5257401	10/1993	Dahlin et al.			
		5260988	11/1993	Schellinger et al.			
		5353334	10/1994	O'Sullivan.			
		5367563	11/1994	Sainton.			
		5379448	01/1995	Ames et al.			
		5404392	04/1995	Miller et al.			
		5412375	05/1995	Wood.			
		5420574	05/1995	Erickson et al.			
		5434863	07/1995	Onishi et al.			
		5452471	09/1995	Leopold et al.			
		5457680	10/1995	Kamm et al.			
		5479480	12/1995	Scott.			
		5504746	04/1996	Meier.			
		5530945	06/1996	Chavez, Jr. et al.			
		5537220	07/1996	Ezumi et al.			
		5550893	08/1996	Heidari.			
		5555553	09/1996	Jonsson.			
		5559860	09/1996	Mizikovsky.			
		5564077	10/1996	Obayashi et al.			
		5566236	10/1996	MeLampy et al.			
		5598412	01/1997	Griffith et al.			
		5602843	02/1997	Gray.			
		5610905	03/1997	Murthy et al.			
		5610974	03/1997	Lantto.			
		H1641	04/1997	Sharman.			
		5625673	04/1997	Grewe et al.			
		5633873	05/1997	Kay et al.			
		5659596	08/1997	Dunn.			
		5673268	09/1997	Sharma et al.			
		5697055	12/1997	Gilhousen et al.			
BP		5710986	01/1998	Obayashi et al.			

*Examiner	/Beatriz Prieto/	Date Considered	11/09/2006

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	**TC/A.U.**
September 12, 2000	2142

BP		5732359	03/1998	Baranowsky, II et al.			
		5761623	06/1998	Lupien et al.			
		5790554	08/1998	Pitcher et al.			
		5793843	08/1998	Morris.			
		5802483	09/1998	Morris.			
		5825775	10/1998	Chin et al.			
		5826188	10/1998	Tayloe et al.			
		5828659	10/1998	Teder et al.			
		5839075	11/1998	Haartsen et al.			
		5870673	02/1999	Haartsen.			
		5878344	03/1999	Zicker.			
		5890054	03/1999	Logsdon et al.			
		5910951	06/1999	Pearce et al.			
		5915214	06/1999	Reece et al.			
		5943333	08/1999	Whinnett et al.			
		5978679	11/1999	Agre.			
		5987011	11/1999	Toh.			
		6032042	02/2000	Kauppi.			
		6449259	09/2002	Allain et al.			
		2002/0098840	07/2002	Hanson et al			
BP		2003/0120811	06/2003	Hanson et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
BP		63224422	09/1988	Japan				
BP		3-32125	02/1991	Japan				

*Examiner	/Beatrix Prieto/	Date Considered	11/09/2006

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September 12, 2000	2142

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

BP	"KeyWareTM--A Wireless Distributed Computing Environment", Racotek White Paper, RACOTEK, Inc., Minneapolis, MN, 1995.
	"MAVRIC 2000: Integrated Data and Voice Communications System", MAVRIC 2000 Performance Specifications Brochure, Metric Systems Corp., Acton, MA, 1991.
	"RacoNet: Mobile Data Communication Services Product Catalog," Rev. 1.03, RACOTEK, Inc., Minneapolis, MN, 1993.
	"Racotek: Design Considerations for Mobile Data Applications", Racotek 400-0054-00, RACOTEK, Inc., Minneapolis, MN, Jan. 1993.
	"RacoNet: Mobile Data Communications Services Price List", Rev. 1.03, RACOTEK, Inc., Minneapolis, MN, 1993.
	"MPS II System Component: Mobile System Printer", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, Feb. 1990.
	"MPS II System Component: Mobile System Data Terminal", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, Feb. 1990.
	"MPS II Component: Adaptive Network Modem", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, Feb. 1990.
	"Racotek Overview", RACOTEK, Inc., Minneapolis, MN, 1993.
	"Unify Your Mobile Data Communications with RacoNet", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, 1992.
	~~"The Race is Won by the Fleet", Racotek Sales Brochure, RACOTEK, Inc., Minneapolis, MN, publication date unknown.~~
	Datalines, vol. 5, No. 2, RACOTEK, Inc., Minneapolis, MN, Apr. 1993.
	Datalines, vol. 5, No. 3, RACOTEK, Inc., Minneapolis, MN, Sep. 1993.
	Datalines, vol. 6, No. 1, RACOTEK, Inc., Minneapolis, MN, Feb. 1994.
	"RACOTEK/HDC: Operations Booklet for Mobile Data Terminals", RACOTEK, Inc., Minneapolis, MN, 1993.
	SHPANCER et al., "Open Data-On-Voice Systems for SMRs", RACOTEK--Radio Computer Technologies, presented at NABER's 1990 Annual Meeting, May 9-12, Tampa, FL, 1990.
	"How to Hold Together a Business that Heads Off in Every Direction", RaCoNet Networking Software, Racotek Sales ~~Brochure, RACOTEK, Inc., Minneapolis, MN~~, publication date unknown.
	Robert J. Fraser, "The MTS-Part II", Communications, pp. 52-55, Aug. 1991.
	"Wireless Data Communications and RAM Mobile Data", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A., 1992.
	"RAM Mobile Data: Field Service", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A., 1992.
	"Market Opportunities for System Integrators, Mobile Data Terminal Manufacturers, Radio and Modem Manufacturers, ~~and Software Developers", RAM Mobile Data Sales Brochure, RAM Mobile Data U.S.A.~~, publication date unknown.
	On the Air, a quarterly publication of ARDIS, Lincolnshire, IL, vol. 3, Spring 1993.
	On the Air, a quarterly publication of ARDIS, Lincolnshire, IL, vol. 4, Jul. 1993.
	On the Air, a quarterly publication of ARDIS, Lincolnshire, IL, vol. 5, Fall 1993.
	Robert B. Euler, "Making the Mobile Communications Connection", MSM Magazine, Jun. 1990.
	"ARDIS Marks First Birthday of Network Operation", ARDIS News Release, ARDIS, Lincolnshire, IL, Apr. 1991.
	"ARDIS Extends its Reach into Canada", ARDIS News Release, ARDIS, Lincolnshire, IL, Feb. 1992.
BP	"ARDIS Focuses on Sales Force Automation", ARDIS News Release, ARDIS, Lincolnshire, IL, Oct. 1993.
	~~"ARDIS Sets the Standard for Wireless Data Communications", ARDIS News Release, ARDIS, Lincolnshire, IL,~~ publication date unknown.
	~~"How Does One Overnight Delivery Service Guarantee Overnight Success?", ARDIS Sales Advertisement, ARDIS, Lincolnshire~~, IL, publication unknown.

*Examiner	/Beatriz Prieto/	Date Considered	11/09/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	**TC/A.U.**
September 12, 2000	2142

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

	~~"ServiceXpress", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.~~
	"ARDIS is the First Radio Frequency Network for the Motorola Envoy Wireless Personal Communicator", Communication by Ardis, ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	~~"ARDIS", Company Profile Brochure, ARDIS, Lincolnshire, IL, publication date unknown.~~
	"ARDISmailSM 100: The Wireless E-Mail Package", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	~~"Congratulations. You Have the Sale!", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.~~
	"Wireless Solutions Can Mean the Difference . . . ", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
	"Achieving the Highest Level of Productivity with New Thinking and a New Vision", ARDIS Sales Brochure, ARDIS, Lincolnshire, IL, publication date unknown.
BP	Form S-1 Registration Statement of RACOTEK Inc. (with exhibits), as filed with the Securities and Exchange Commission on Oct. 22, 1993.
	Amendment No. 1 to Form S-1 Registration Statement of RACOTEK Inc., as filed with the Securities and Exchange Commission on Nov. 4, 1993.
	~~Ericsson GE, "Mobile Data System Evolution", publication date unknown.~~
	Ericsson GE, "Mobile Data Questions & Answers", dated Mar. 3, 1994.
	Ericsson GE, "Private Radio Systems EDACS.RTM. Data Advantage.TM. Technical Description", publication date unknown.
	~~Motorola, Inc., "Integrated Voice and Data System Description", publication date unknown.~~
	~~Motorola, Inc., "VRM 100 Vehicular Radio Modem", publication date unknown.~~
	Motorola Private Systems Division Land Mobile Products Sector, "VRM 100 Vehicular Radio Modem For Integrated Voice; and Data Operation on Smartnet and SmartZone Trunked Radio Systems and Conventional Radio Systems--Product Description", Apr. 5, 1994.
	Motorola Mobile Data Division, "RPM Native Mode Interface R1.1 Reference Manual", published Sep., 1992.
	~~English Language Abstract of JP 63-224422.~~
	~~English Language Abstract of JP 3-38985.~~
	Hills, Alex et al., "Seemless Access to Multiple Wireless Data Networks: A Wireless Data Network Infrastructure at Carnegie Mellon University", IEEE Personal CommunicationsMagazine, 3(1):56-63, Feb., 1996
	Johnson, David B., "Scalable Support for Transparent Mobile Host Internetworking", Wireless Networks, vol. 1, No. 3, pp. 311-321 (1995).
	Johnson, David B., "Scalable and Robust Internetwork Routing for Mobile Hosts", 14th International Conference on Distrbuted Computing Systems, Jun. 21-24, 1994, Pozman, Poland.
	Johnson, David B., "Ubiquitous Mobile Host Internetworking", Proceedings of the Fourth Workshop on Workstation Operating Systems, IEEE Computer Society, Oct. 1993.
	Perkins, Charles et al., "IMHP: A Mobile Host Protocol for the Internet", Computer Networks and ISDN Systems, vol. 27, No. 3, pp. 479-491 (1994).
	Johnson, David B., "Mobile Host Internetworking Using IP Loose Source Routing", Carnegie Mellon University, School of Computer Science (1993).
	Perkins, Charles et al., "Mobility Support in IPv6", Proceedings of the Second Annual International Conference on Mobile Computing and Networking (MobiCom '96), Nov. 10-12, 1996.
BP	Solomon, J., "Applicability Statement for IP Mobility Support", The Internet Engineering Taskforce, RFC 2005, Oct. 1996.

*Examiner	/Beatriz Prieto/	Date Considered	11/09/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	**TC/A.U.**
September 12, 2000	2142

BP		Thyfault, M., "Wireless has a Support Act--Carriers at Comdex Tout Applications for Cellular Digital Packet Data," Information Week (1993). Available from DIALOG Corporation.
		Wexler, J., "CDPD Spec Could Embrace Analog Nets," Network World vol. 12, No. 13 (Mar. 1995): pp. 17, 24. Available from DIALOG Corporation.
		"Hybrid Cellular Data Technology in Works," Telecommunications Alert vol. 12, No. 222 (Nov. 1995). Available from Lexis.
		Schwartz, J., "GTE Mobilnet Retrofits CDPD Network to Connect with Analog Cellular," Communications Week (1996): p. 53. Available from DIALOG Corporation.
		"GTE Closer to Installing Circuit Switched-CDPD Gateway;Plans to Offer National 'CDPD Access' via '800' Number Service," Wireless Data News, vol. 4, Issue 6 (Mar. 1996). Available from DIALOG Corporation.
		Washburn, B., "CDPD: The Tower of Power," America's Network (Aug. 1996): p. 42. Available from Lexis.
		Steward, S., "A circuitous Route to CDPD Expansion; Cellular Digital Packet Data," Cellular Business vol. 13, No. 9 (Sep. 1996): p. 102. Available from Lexis.
		"Sierra Wireless Adds CS-CDPD," Business Wire (Jan. 1997), Available from World Wide Web: (http://www.sierrawireless.com/news/cdpd.html), downloaded Mar. 12, 2002.
		Sukow, R., "GTE Wireless's CS-CDPD Technology Will Be Commercially Available Feb. 3" Communications Today (Jan. 1997). Available from DIALOG Corporation.
		"Wireless: GTE, Hughes Network Systems and PCSI Join to Provide Nationwide Wireless Access for 'Super Phones,' Other Intelligent Devices," EDGE, on & about AT&T (Feb. 1997). Available from DIALOG Corporation.
		Pate, K.,"CS-CDPD May Solve Wireless Data User Problem with Coverage (Circuit Switched-Cellular Digital Packet Data Is Launched to Allow Data Users to Access CDPD Functionality Across an Entire Network)," RCR Radio Communications Report vol. 16, No. 5 (Feb. 1997):p. 2. Available from DIALOG Corporation.
		"GTE Wireless Launches Long-Anticipated CS-CDPD Service; Other Cellular Carriers Continue to Reject Hybrid Approach," Wireless Data News, vol. 5, Issue 3 (Feb. 1997). Available from DIALOG Corporation.
		"Industry News: CS-CDPD Goes Nationwide," Advanced Transportation Industry Review. (May 1997). Available from DIALOG Corporation.
		"Dueling Realities: Cellular Data Developers Struggle to Build Business, Yet Foresee Future Consumer, Ad-Supported Market," Wireless Data News, vol. 5, Issue 11 (May 1997). Available from DIALOG Corporation.
		"GTE Wireless Offers National Access for 'Super Phones'," Cellular Business (Jun. 1997). Available from DIALOG Corporation.
		Morris, J., "Guide to Wireless Data Networks," Sierra Wireless, (Jul. 1997), available on the World Wide Web: (http://www.ofb.net/heath/ardis/2110152.pdf).
		"GTE, Sierra Announce CDPD Solution (GTE Wireless and Sierra Wireless Introduced a Circuit Switched Cellular Digital Packet Data Solution)," RCR Radio Communications Report (Jun. 1998):p. 8. Available from DIALOG Corporation.
		"GTE, Sierra Wireless Bring Circuit-Switched CDPD to Indiana Law Enforcement," Wireless Data News, vol. 6, Issue 15 (Jul. 1998). Available from DIALOG Corporation.
		"Sierra Modem Adds Coverage (Indiana State Police Department is the First in US to Use New Circuit-Switched CDPD Modem from Sierra Wireless," Wireless Week (Jul. 1998):p. 14. Available from DIALOG Corporation.
		"GTE and Sierra Wireless Extend Reach of Cellular Digital Packet Data Networks Nationwide," Available from World Wide Web: (http://www.sierrawireless.com/news/gte&swi.html), downloaded Mar. 12, 2002.
↓		"MP215: The First Ever CS-CDPD 3W Modem. (End-to-end wireless IP anywhere--Automatically)," Tri-M Systems, Coquitlam, B.C., Canada.
BP		"CS-CDPD," Available from World Wide Web: (http://www.sierrawireless.com/alliance/nettech_cscdpd.asp.), downloaded Mar. 12, 2002.

*Examiner	/Beatriz Prieto/	Date Considered	11/09/2006

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Hanson, et al.	
Filing Date	**TC/A.U.**
September 12, 2000	2142

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

BP		"Circuit Switch Cellular Digital Packet Data," Available from World Wide Web: http://www.leapforum.org/published/internetworkMobility/split/node91. html), downloaded Mar. 18, 2002.
		"MP215 Modem Installation,Configurarion, and User's Guide,"Revision 1.0, Part No. 2110036, Sierra Wireless, Jun. 1998.
		"Where There's Voice, There's Now Cost-effective Data with Lucent Technologies' New Circuit Switched CDPD Capability," Lucent Technologies, Jun. 1996.
		Hunt, Craig, "TCP/IP Network Administration" O'Reilly & Associates, Inc., pp. 28-35 (1992).
		Chen, J.B. et al., "MOSS: A Mobile Operating System Substrate", Harvard University Division of Applied Sciences, May 1995.
		Baker, M., "Changing Communication Environments in MosquitoNet," Proceedings of the IEEE Workshop on Mobile Computing Systems and Applications, Dec. 1994.
		Cheshire, S. et al., "Experiences with a Wireless Network in MosquitoNet", Proceedings of the IEEE Hot Interconnects Symposium '95, Aug. 1995.
		Zhao, X. et al., "Flexible Network Support For Mobility," Proceedings of the Fourth Annual ACM/IEEE International Conference on Mobile Computing and Networking (MobiCom 1998), Dallas Texas, Oct. 1998.
		Baker, M. et al., "Supporting Mobility In MosquitoNet," Proceedings of the 1996 USENIX Technical Conference, San Diego, California, Jan. 1996.
		Alzona, M., et al., "Project Octopus, A Framework for Ubiquitous Mobile Computing", Technical Report 1994-96, Carnegie Mellon University Information Network Institute, September 17, 1994
		Bruegge, B., et al., "Applications of Mobile Computing and Communications", IEEE Personal Communications Magazine, 3(1):64-71, February 1996
		Johnson, D., et al., "Truly seamless wireless and mobile host networking, Protocols for adaptive wireless and mobile networking", IEEE Personal Communications Magazine, 3(1):34-42, February 1996
		Katz, R., et al., "The Case for Wireless Overlay Networks", Proceedings of SPIE Conference on Multimedia and Networking Vol. 2667, March 1996
↓		Stemm, M., "Vertical Handoffs in Wireless Overlay Networks", Technical Report CSD-96-903, University of California, Berkeley, May 1996
BP		Caceres, R., et al., "Fast and Scalable Handoffs for Wireless Internets", Proceedings of the Second Annual International Conference on Mobile Computing and Networking, November 1996

(5) Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication. (MPEP 1.98(5))

*Examiner	/Beatriz Prieto/	Date Considered	11/09/2006

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OIPE IAP34 MAR 31 2006 PATENT & TRADEMARK OFFICE

Atty. Docket No.	Serial No.
3978-2	09/660,500
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Filing Date	**Group**
September 12, 2000	2142

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		4,799,253	01/1989	Stem et al.			
		4,893,327	01/1990	Stem et al.			
		5,109,528	04/1992	Uddenfeldt			
		5,212,684	05/1993	MacNamee et al.			
		5,291,544	03/1994	Hecker			
		5,310,997	05/1994	Roach et al.			
		5,327,577	07/1994	Uddenfeldt			
		5,448,619	09/1995	Evans et al.			
		5,504,935	04/1996	Vercauteren			
		5,559,860	09/1996	Mizikovsky			
		5,598,412	01/1997	Griffith et al.			
		5,610,974	03/1997	Lantto			
		5,666,653	09/1997	Ahl			
		5,668,837	09/1997	Dent			
		5,732,076	03/1998	Ketseoglou et al.			
		5,745,850	04/1998	Aldermeshian et al.			
		5,754,961	05/1998	Serizawa et al.			
		5,901,352	05/1999	St. Pierre et al.			
		6,038,230	03/2000	Ofek			
		6,122,514	09/19/00	Spaur et al.			
		6,256,300	07/2001	Ahmed et al.			
		6,259,405	07/2001	Stewart et al.			
		6,263,213	07/2001	Kovacs			
		6,286,052	09/2001	McCloghrie et al.			
		6,308,273	10/2001	Goertzel et al.			
		6,446,200	09/2002	Ball et al.			
		6,484,261	11/2002	Wiegel			
		6,501,767	12/2002	Inoue et al.			
		6,546,425	04/2003	Hanson et al.			
		6,611,864	08/2003	Putzolu et al.			
		6,615,267	09/2003	Whalen et al.			
		6,621,793	09/2003	Widegaren et al.			
		6,636,502	10/2003	Lager et al.			
		6,661,780	12/2003	Li			
		6,694,366	02/2004	Gemert et al.			
		6,714,515	03/2004	Marchand			
		6,732,177	05/2004	Roy, Radhika R.			
		6,769,000	07/2004	Akhtar et al.			
		6,798,757	09/2004	Mizutari			
		6,804,720	10/2004	Vilander et al.			
		6,854,014	02/2005	Amin et al.			
BP		6,856,676	02/2005	Pirot et al.			

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Atty. Docket No.	Serial No.
3978-2	09/660,500
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Hanson, et al.	
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September 12, 2000	2142

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		2003/0028612	02/2003	Lin et al.			
		2003/0163567	08/2003	McMorris et al.			
		2003/0191848	10/2003	Hesselink et al.			
		2002/0069278	06/2002	Forsi			
BP		2001/004220	11/2001	Yamaguchi et al.			
BP		Re: 36,078	02/1999	Uddenfeldt et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
BP		WO 02/23362	03/2002	PCT				
BP		WO 03/061188	07/2003	PCT				

*Examiner	/Beatriz Prieto/	Date Considered	10/19/2006

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	**Group**
September 12, 2000	2142

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)	
BP	3GPP SA: "Technical Specification Group Services and Systems Aspects: Architecture for an 1 IP Network, 3GPP TR 23.922", 3GPP Standard, 1 October 1999, XP002144276
	3GPP: "TR23 923 V3.0.0: Combined GSM and Mobility Handling in UMTS IP CN", May 2000, pgs. 1-75 XP002282368
	ETSI: "3G TS 23.107 Universal Mobile Telecommunications System (UMTS) QoS Concept and Architecture", ETSI TS 123 107 V.3.3.0, June 2000, pgs. 1-36, XP002201573
	"MOWGLI, Mobile Office Workstations using GSM Links," University of Helsinki Dept. of Computer Science, Helsinki, Finland (2/2000)
	Alanko T., Kojo M., Liljeberg M., Raatikainen K.: Mowgli: Improvements for Internet Applications Using Slow Wireless Links. Proc. 8th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Helsinki, Finland, September 1997.
	Alanko, T., Kojo, M., Laamanen, H., Liljeberg, M., Moilanen, M., Raatikainen, K: Measured Performance of Data Transmission Over Cellular Telephone Networks. Computer Communications Review, 24(1994)5. Published also as Technical Report: University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1994-53.
	Anderson, T.E., et al., "Serverless Network File Systems," ACM Transactions on Computer Systems, Vol. 14, No. 1, pp. 41-79 (February 1996)
	~~DTMF - Common Information Model (CIM), http://www.dmtf.org/standards/cim/~~
	~~Durham, D., et al., Networking Group Request for Comments 2748, "The COPS (Common Open Policy Service) Protocol~~
	Dynamic Host Configuration Protocol, RFC 2131 (IETF March 1997), http://people.nokia.net/charliep/
	Internet Mobility 4x4, Cheshire, S. & Baker, M., SIGCOMM '96, Computer Science Dept., Stanford Univ., AC< ISBN: 0-201-37928-7, p. 1-12
	IP Mobility Support (RFC 2002, IETF October 1996)
	Jaeger, Trent, et al., "A Role-based Access Control Model for Protection Domain Derivation and Management," RBAC97 Fairfax Va USA (1997)
	Katz, D., Network Working Group Internet Draft, "Transmission of IP and ARP over FDDI Networks," (9/14/1992)
	~~Katz, R.H., et al., "The Bay Area Research Wireless Access Network (BARWAN)~~
	Kliskinen J., Kojo, M., Liljeberg, M., Raatikainen, K: Data Channel Service for Wireless Telephone Links. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1996-1. January 1996. Published also in Proceedings of the 2nd International Mobile Computing Conference, Hsinchu, Taiwan, ROC, March 25-27, 1996.
BP	Kojo M., Raatikainen K., Liljeberg M., Kiiskinen J., Alanko T.: An Efficient Transport Service for Slow Wireless Telephone Links. IEEE Journal on Selected Areas in Communications, Vol. 15, No. 7, September 1997.

*Examiner	/Beatriz Prieto/	Date Considered	11/09/2006

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	**Group**
September 12, 2000	2142

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)			
BP			Kojo, M., Alanko, T., Liljeberg, M., Raatikainen, K: Enhanced Communication Services for Mobile TCP/IP Networking. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1995-15. April 1995.
			Kojo, M., Raatikainen, K., Alanko, T: Connecting Mobile Workstations to the Internet over a Digital Cellular Telephone Network. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1994-39. September 1994. Published also in Proceedings of the Mobidata Workshop, Rutgers University, NJ, Nov 1994.
			Laamanen, H: An Experiment of Dependability and Performance of GSM Access to Fixed Data Network. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1995-41. September 1995.
			Liljeberg, M., Alanko, T., Kojo, M., Laamanen, H., Raatikainen, K: Optimizing World-Wide Web for Weakly Connected Mobile Workstations: An Indirect Approach. In Proc. 2nd International Workshop on Services in Distributed and Networked Environments (SDNE'95) June 5th - 6th, 1995, Whistler, Canada.
			Liljeberg, M., Helin, H., Kojo, M., Raatikainen, K: Enhanced Service for World-Wide Web in Mobile WAN Environment. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1996-28. April 1996. (Revised version published in Proceedings of the IEEE Global Internet 1996 Conference, London, England, November 20-21, 1996.)
			Ohta, M. et al., Internet Draft draft-ohta-ip-over-atm-02.txt, "Conventional IP over ATM (03/1995
			~~Other papers authored by Charles Perkins posted at http://people.nokia.net/charliep/~~
			Perkins et al, DHCP for IPv6, The Third IEEE Symposium on Computers and Communications (ISCC'98) Athens, Greece June 30-July 2, 1998
			Perkins et al., DHCP for Mobile Networking with TCP/IP (ISCC 1995), http://people.nokia.net/charliep/
			Perkins et al., "Using DHCP with Computers that Move" (Wireless Networking 1993), http://people.nokia.net/charliep/
			Piscitello, D., Phifer, INTERNET DRAFT L. Core Competence Wang Y. Hovey, R. Bellcore: "Mobile Network Computer Protocol (MNCP)" 9/3/97
			Piscitello, D., Phifer, INTERNET DRAFT, L. Core Competence, Wang, Y., Hovey, R. Bellcore: "Mobile Network Computing Protocol (MNCP)," 8/28/97
			Product Information, PadCom, Inc, PadCom Connectivity Suite, "Connectivity Suite Technical Overview".(2001, 2002)
			Savarese, Joe, "Wireless: Security Standards Improve," ComNews.com, 1/7/02
			Sharer, R.J., "Applying Policy Management to Reduce Support Costs for Remote and Mobile Computing," INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, 8, 211-218 (1998)
			Solomon, Internet Draft, "Mobile IP Working Group," (5/24/1996)
			~~TEKNIQUE, Data Sheet, TransNet II Wireless Gateway, WIRELESS - A WIDE AREA VIEWPOINT, Schaumburg, IL, 3 pages. [?pg-doc# 631729]~~
BP			~~The UC Berkeley BARWAN Research Project CDROM, with Index, http://daedalus.cs.berkeley.edu/~~

*Examiner	/Beatriz Prieto/	Date Considered	11/09/2006

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
Hanson, et al.	
Filing Date	**Group**
September 12, 2000	2142

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)		
BP		Westerinen, A., et al., Networking Group Request for Comments 3198, "Terminology for Policy-Based Management," 13 pages (11/2001)
		~~www.geekil.com search engine results using, for example, search terms "DHCP" and "Mobility"~~
BP		Wong, Daniel, "Soft Handoffs in CDMA Mobile Systems," IEEE Personal Communications, December 1997

(5) Each publication listed in an information disclosure statement must identified by publisher, author (if any), title, relevant pages of the publi date, and place of publication (MPEP 1.98(5))

*Examiner	Beatrice Pinchak	Date Considered	11/09/06

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ATTY. DOCKET NO.	SERIAL NO.
3978-2	09/660,500
APPLICANT	
HANSON et al.	
FILING DATE	**TC/A.U.**
12 September 2000	2142

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL			DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
EP			5,166,931	11/1992	Riddle			
			5,812,819	09/1998	Rodwin et al.			
			5,835,725	11/1998	Chiang et al.			
			5,918,016	06/1999	Brewer et al.			
			5,941,956	08/1999	Shirakihara et al.			
			5,956,640	09/1999	Eaton et al.			
			6,052,725	04/2000	McCann et al.			
			6,131,121	10/2000	Mattaway et al.			
			6,185,184	02/2001	Mattaway et al.			
			6,195,705	02/2001	Leung			
			6,212,563	04/2001	Beser			
			6,233,616	05/2001	Reid			
			6,243,749	06/2001	Sitaraman et al.			
			6,252,884	06/2001	Hunter			
			6,412,025	06/2002	Cheston et al.			
			6,510,153	01/2003	Inoue et al.			
			6,614,774	09/2003	Wang			
			2002/0167922	11/2002	Inoue et al.			
			2002/0176383	11/2002	Inoue et al.			
			2002/0122394A1	09/2002	Whitmore et al.			
			2002/0075812A1	06/2002	Corwin			
			2002/0091855A1	07/2002	Yemini et al.			
			2002/0093956A1	07/2002	Gurin			
			2002/0147843A1	10/2002	Rao			
			2003/0017845A1	01/2003	Doviak et al.			
			2003/0061384A1	03/2003	Nakatani			
			2003/0223439A1	12/2003	O'Neill			
BP			2003/0228874A1	12/2003	Mallette			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
BP		EP 0 998 094 A2	05/2000	EPO				
		WO 02/19636A1	03/2002	PCT				
BP		CA 2303987	03/1999	Canada				

*Examiner	Beatrice Swiney	Date Considered	6/19/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	3978-2	09/660,500
	APPLICANT	
	HANSON et al.	
	FILING DATE	TC/A.U.
	12 September 2000	2142

OIPE JC#1
DEC 22 2004
PATENT & TRADEMARK OFFICE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

(60)	Kleinrock, Leonard, Nomadix, Inc., "On Some Principles of Nomadic Computing and Multi-Access Communications," *IEEE Communications Magazine*, pp 46-50 (07/2000)
	Caporuscio, Maurio, et al., "Design and Evaluation of a Support Service for Mobile, Wireless Publish/Subscribe Applications," *IEEE Transactions on Software Engineering*, Vol. 29, No. 12, pp. 1059-1071 (12/2003)
	Technical Report, 3G TR 23.923 V.3.0.0, XP-002282368, 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Combined GSM and Mobile IP Mobility Handling in UMTS IP CN" (05/2000)
	Valko, A., et al., XP-002133539, Internet Draft, "Cellular IP" (11/18/1998)
	Technical Report, 3GPP TR 23.922 V1.0.0 (1999-10) XP-002144276, , 3rd Generation Partnership Project, Technical Specification Group Services and Systems Aspects; Architecture for an All IP network"
	Balakrishnan, Hari, et al., XP-000734405, " A Comparison of Mechanisms for Improving TCP Performance over Wireless Links," IEEE/ACM TRANSACTIONS ON NETWORKING, Vol. 5, No. 5,(12/1997)
	Ala-Laurila, Juha, et al., "Implementation of the wireless ATM access terminal," COMPUTER NETWORKS 31, pp. 959-973 (1999)
	Kei, Lee Man, et al., "An Efficient RPC Scheme in Mobile CORBA Environment," IEEE (2000)
	Wright, Michele, XP-002116275, "Using Policies for Effective Network Management," INTERNATIONAL JOURNAL OF NETWORK MANAGEMENT, 9, 118-125 (1999)
	Technical Specification, ETSI TS 123 107 V3.3.0 (2000-06), XP-002201573, Universal Mobile Telecommunication System (UMTS); QoS Concept and Architecture (Release 1999)
	Martin, Jean-Christophe, "Policy-Based Networks," XP-002271561, Sun BluePrints OnLine (10/1999)
	Kobielus, James, "Prospects are golden for Wireless Data Services," Special Focus, Wireless Networks, NETWORK WORLD (11/7/1994)
	Brodsky, Ira, "PDAs will usher in the next net revolution," Special Focus, Wireless Networks, NETWORK WORLD (11/7/1994)
	Mathias, Craig et al., "The ABCs of PCS," Special Focus, Wireless Networks, NETWORK WORLD (11/7/1994)
	~~Cáceres, R., et al., "Improving the Performance of Reliable Transport Protocols in Mobile Computing Environments"~~
	Jacobson, V. et al., Networking Working Group Request for Comments: 1072, "TCP extensions for long-delay paths" (10/1988)
	Jacobson, V., Networking Working Group Request for Comments: 1144, "Compressing TCP/IP headers for low-speed serial links" (02/1990)
	Jacobson, V., et al., "Congestion Avoidance and Control" (11/1988)
	Medhi, D., et al., "Network Dimensioning and Performance of Multiservice, Multirate Loss Networks with Dynamic Routing," IEEE/ACM TRANSACTIONS ON NETWORKING, Vol. 5, No. 6, pp. 944-957 (12/1997)
	Inouye, Jon et al., "Dynamic Network Reconfiguration Support for Mobile Computers," MOBICOM 97 Budapest Hungary, pp. 13-22 (1997)
(61)	Alanko, T., et al., "Mobile computing based on GSM: The Mowgli approach," IFIP '96 WORLD CONFERENCE – MOBILE COMMUNICATIONS, Canberra, Australia (09/2-6/1996)

*Examiner	Beatrice Swirl	Date Considered	6/19/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
(Use several sheets if necessary)	3978-2	09/660,500
	APPLICANT	
	HANSON et al.	
	FILING DATE	TC/A.U.
	12 September 2000	2142

OIPE JC1177 DEC 2 2 2004 PATENT & TRADEMARK OFFICE

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)
BP	Published Internet Standards: Request for Comment No. 1122, "Requirements for Internet Hosts – Communications Layers" (IETF 10/1989)
	Almquist, P. RFC 1716 "Towards Requirements for IP Routers" (IETF 11/1994)
	Braden, R., RFC 1009 "Requirements for Internet Gateways" (IETF 06/1987)
	Braden, R., RFC 1123, "Requirements for Internet Hosts – Application and Support" (10/1989)
	Baker, F. RFC 1812 "Requirements for IP Version 4 Routers" (IETF 6/1995)
	Perkins, Internet Draft: "IP Mobility Support" (IETF 5/31/1996)
	Perkins, Internet Draft: "IP Encapsulation Within IP" (IETF 5/31/1996)
	Perkins, C., RFC 2003, "IP Encapsulation within IP," (IETF 10/1996)
	mailing list at http://www.citi.umich.edu/projects/mobile/mobile-ip-mail (6/92 - 7/95)
	Castineyra, I., RFC 1992, "The Nimrod Routing Architecture" (IETF August 1996)
	Ramanathan, "Nimrod Mobility Support" (Internet Draft July 1994)
	Request for Comment (RFC) 1674 "A Cellular Industry View of IPng" (IETF August 1994)
	Almquist, P., "Ruminations on Next-Hop" (March 25, 1993)
	Katz, "Transmission of IP and ARP over FDDI Networks" (Internet Draft September 14, 1992)
	Ohta, "Conventional IP over ATM" (Internet Draft March 1995)
	Ranch, "Transmitting IP Traffic over LocalTalk Networks" (Internet Draft July 1992)
	Stevenson, "A Method for the Transmission of IP Datagrams Over SNA Networks Using LU6.2 Conversations" (May 1992)
	Bordan, Jonathan, Power Point Presentation "Wireless WAN Extensions to NDIS Mobitex NDIS driver" (Ericsson Communications Canada Connectivity Lab (7/17/1996)
	WRQ Reflection Network Series TCP Connection Version 4 (1994)
	"TCP Connection stacks up as #1 in InfoWorld Comparison." WRQ Quarterly No. 30 Quarter 4 (1994)
	"WRQ's Reflection Network Series Supports New Wireless Mobile Computing: McCaw Dubs WRQ's TCP Well-Suited for Cellular," McCaw chooses WRQ's TCP Connection: calls Reflection "well-suited for cellular" (WRQ 10/11/94 Press Release)
	"How WRQ's TCP Connection Reduces Costs and Improves Reliability in Mobile/Wireless Computing" (WRQ 1/95)
	"Questions and Answers for TCP/IP for CDPD Wireless Communications" (WRQ 11/94)
	Power Point Presentation "Advantages of WRQ's TCP" (WRQ 1994)
	White Paper, "TCP/IP: The Best Protocol for Remote Computing," www.rysavy.com/Articles/remote.htm (1996)
	www.ka9q.net/code/ka9qnos/ (last updated 3/15/2002)
	Cerf, V., RFC 829, "Packet Satellite Technology Reference Sources" (11/1982)
	B. Tuch, Development of WaveLAN, an ISM band wireless LAN, Lucent Technical Journal, 27-37 (July/August 1993)
	Portable Computer and Communications Association (PCCA) "Extensions to NDIS for Wireless WANs" (Version 1.0 1996)
	PCCA STD-201 "Extensions to NDIS for Wireless WANs" Version 1.1 (7/7/2000)
	PCCA-XWPDS, Draft Proposed PCCA Standard, "PCCA Extensions for the PC/TCP Packet Driver Specification," Revision 1.03a (12/11/1994)
	PCCA-XSTD-201, "Wireless Extensions to NDIS 3 PROPOSAL, Draft Version 0.08 (7/5/1995)
	PCCA-XSTD-201, "Extensions to NDIS 3 for Wireless WANs, Draft Version 0.09 (8/31/1995)
	PCCA-XSTD-201, "Extensions to NDIS 3 for Wireless WANs, Version 1.1 (1/3/1996)
	PCCA-XSTD-201, "Extensions to NDIS 3 for Wireless WANs, Version 1.2 (1/17/1996)
	PCCA-XSTD-201, "Extensions to NDIS 3 for Wireless WANs, Version 1.0 (10/25/1995)
BP	PCCA STD 201, Extensions to NDIS for Wireless WANs, Revision 1.1 (10/29/1996

*Examiner	Barton Smith	Date Considered	6/19/05

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INFORMATION DISCLOSURE CITATION

PATENT & TRADEMARK OFFICE DEC 2 2 2004 (Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
3978-2	09/660,500
APPLICANT	
HANSON et al.	
FILING DATE	**TC/A.U.**
12 September 2000	2142

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)
AA		PCCA-STD-201, "Extensions to NDIS for Wireless WANs, Revision 1.1 (5/9/1997)
		PCA STD-201 "Extensions to NDIS for Wireless WANs, Official Standard, Appendices A-F, (3/18/1997)
		Solomon, Internet Draft, "Mobile IP Working Group," (5/24/1996)
BB		Press Release, "Bethlehem, Penn. –(Business Wire) via Individual Inc. – Designed for businesses with mobile workers, PADCOM, Inc. today introduced SmartPath..." (9/22/1997)

*Examiner	Dexter Lucht	Date Considered	6/19/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Sheet 1 of 1

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
	3978-2	09/660,500
	APPLICANT	
	HANSON et al.	
(Use several sheets if necessary)	FILING DATE	TC/A.U.
	12 September 2000	2142

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BF		5,594,731	01/1997	Reissner			
		6,438,594	08/2002	Bowman-Amuah			
		6,477,543	11/2002	Huang et al.			
		6,597,671	07/2003	Ahmadi et al.			
BF		6,714,987	03/2004	Amin et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

*Examiner	Gayle Sparks	Date Considered	6/19/05

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INFORMATION DISCLOSURE CITATION

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(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
3978-2	09/660,500
APPLICANT	
HANSON et al.	
FILING DATE	**TC/A.U.**
12 September 2000	2142

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

BP	*ETSI TS 123 060, V3.3.0, Digital cellular telecommunications system (Phase 2+)(GSM); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3G TS 23.060 version 3.3.0 Release 1999)," pp. 1-186 (04/2000)
	"3G TS 23.171, V3.1.0, 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Functional stage 2 description of location services in UMTS (Release 1999)," pp 1-48, XP002269105 (July 2000)
	Johnson, D.B., "Mobility Support in IPv6," Internet Draft, IETF Mobile IP Working Group, XP-002951077 (7/2/2000)
BP	Mink, S. et al., "Towards Secure Mobility Support for IP Networks," IEEE Publication, Vol. 1, pp. 555-562, SP101526810 (08/21/2000)

*Examiner	Benton, Punit	Date Considered	6/19/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

ITEMS CITED IN APPLICANTS' COPENDING APPLICATIONS

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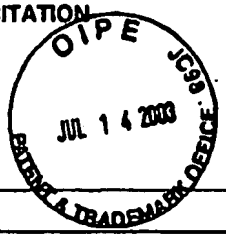
INFORMATION DISCLOSURE CITATION



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3978-2	09/660,500
Applicant	
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Filing Date	**Group**
September 12, 2000	2155

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Technology Center 2100

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BI		5,325,361	06/1994	Lederer et al.			
		5,909,431	06/1999	Kuthyar et al.			
		5,968,176	10/1999	Nessett et al.			
		5,987,611	11/1999	Freund			
		6,112,085	08/2000	Garner et al.			
		6,233,617	05/2001	Rothwein et al.			
		6,233,619	05/2001	Narisi et al.			
		6,236,652	05/2001	Preston et al.			
		6,240,514	05/2001	Inoue et al			
		6,243,753	06/2001	Machn et al.			
		6,256,739	07/2001	Skopp et al.			
		6,336,135	01/2002	Niblett et al.			
		6,415,329	07/2002	Gelman et al			
		2001/0009025A1	07/2001	Ahonen			
		2001/0047474A1	11/2001	Takagi et al			
		2001/0042201A1	11/2001	Yamaguchi et al			
		2001/0052081A1	12/2001	McKibben et al			
BI		2002/0066036A1	5/2002	Makineni et al			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)	
BI	Weber, Chris, "Using IPSec in Windows 2000 and XP, Part One," http://www.securityfocus.com/infocus/1519 (12/5/2001)
	Harkins, et al., "The Internet Key Exchange (IKE)", Networking Working Group RFC 2409 (November 1998)
	Housley, et al., "Internet X.509 Public Key Infrastructure Certificate and CRL Profile," Networking Working Group RFC 2459 (January 1999)
	Atkinson, "IP Encapsulating Security Payload (ESP)," Networking Working Group RFC 1827 (August 1995)
	Atkinson, "IP Authentication Header," Networking Working Group RFC 1826 (August 1995)
	Atkinson, "Security Architecture for the Internet Protocol," Networking Working Group RFC 1825 (August 1995)
	Perkins, "IP Mobility Support," Network Working Group RFC 2002 (October 1996)
	Perkins, "IP Mobility Support for the IPv4," RFC 3220 (January 2002)
	ANSI/IEEE Std. 802.11, 1999 Edition, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications
	ANSI/IEEE Std. 802.11, 1999 Edition, Part 11: Wireless LAN Medium Access Control (MAC)and Physical Layer (PHY) Specifications (1999)
BI	Pietrik, Matt, "Learn System-Level Win32 Coding Techniques by Writing an API Spy Program", MSJ, (December 1994)

*Examiner	Beatrice Pieche	Date Considered	6/15/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ITEMS CITED IN APPLICANTS' COPENDING APPLICATIONS

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
HANSON ET AL	
Filing Date	**Group**
September 12, 2000	2155

PATENT & TRADEMARK OFFICE JUL 14 2003

			OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)
BP			Robbins, John, "Bugslayer", MSJ, February 1998, http://www.microsoft.com/msj/0298/bugslayer0298.htm (2/1998)
			Robbins, John, "Bugslayer", MSJ, June 1999, http://www.microsoft.com/msj/0699/BugSlayer/Bugslayer0699.htm (6/1999)
			Richter, Jeffrey, "Programming Applications For Microsoft Windows", Fourth Edition, Chapter 22, Microsoft Press, (1999)
			"Debugging Applications", John Robbins, Microsoft Press (2000)
			Nasarre, Christophe, "Debug Detect and Plug GDI Leaks in Your Code withTwo Powerful Tools for Windows XP," MSDN Magazine, (January 2003)
			Savarese, Joe, "Security standards improve," reprinted from Communications News (January 2002)
			Molta, Dave, "WLAN Security on the Rise," Network Computing, 2/4/02
			Savarese, Joe, "Wireless: Security Standards Improve," ComNews.com, 1/7/02
			Rash, Wayne, "All Networks are Insecure," ZDNet, 1/18/02
			Wexler, Joanie, "Big-picture approaches to security," Network World Fusion, 1/2/02
			"Computerworld's Emerging Companies to Watch in 2002," Computerworld, 11/26/01
			Phifer, Lisa, "Improving WLAN Security," 802.11-Planet.com, 11/26/01
			Peretz, Matthew, "PEAR Shaped WLAN Products Unveiled," 802.11-Planet.com, 11/12/01
			"PEAR Wireless, NetMotion Collaborate To Offer Secure, High Performance WLAN," TMCnet.com, 11/13/01
			Rist, Oliver, "Where's the Killer App?" SD Times, 11/1/01
			Rysavy, Peter, "Break Free With Wireless LANs," Network Computing, 10/29/01
			Rash, Wayne, "Wireless Security Gets a Jumpstart," ZDNet (www.zdnet.com/enterprise), 10/25/01
			Marek, Sue, "Wireless' Weakest Link," Wireless Week, 10/24/01
			Molta, Dave, "Mobile & Wireless Technology (NetMotion Mobility Keeps Wireless Apps Grounded)," Network Computing, 10/1/01
			Chan, Sharon Pian, and Tricia Duryee, "Computers: Protection sought against disruption from hackers," Seattle Times, 9/30/01
			Mannion, Patrick, "IP mobility to run seamless course," EE Times, 9/25/01
			Wexler, Joanie, "Pick a network, any network," Network World Wireless Newsletter, 9/17/01
			Benesh, Peter, "Hospital Cuts Errors With Wireless Data," Investor's Business Daily, 8/22/01
			"NetMotion: Curing the Wireless LAN at St. Luke's Episcopal Hospital," NetMotion Wireless, Inc., 2/26/01
			"Past is prologue: expand data access," Government Computer News, telephone interview with Doug Walker by GCN chief technology editor Susan M. Menke (www.gcn.com), 8/20/01
			Ohlhorst, Frank, "Seamless Wireless Connectivity," Computer Reseller News (CRN), 8/9/01
			Dragan, Richard V. "Getting Real With Wireless," PC Magazine, 8/1/01
lp			"NetMotion Puts Mobility 3.0 into Open Beta," Midrange Computing (July 11, 2001)

RECEIVED
JUL 15 2003
Technology Center 2100

*Examiner	Beatriz Prieto	Date Considered	6/15/05

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
3978-2	09/660,500
Applicant	
HANSON ET AL	
Filing Date	**Group**
September 12, 2000	2155

JUL 14 2003 PATENT & TRADEMARK OFFICE BOX

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)
(L1)		"NetMotion Mobility 3.0 Beta Extends Continuous Wireless Connections To Windows 2000," Wireless Developer Network-Daily News, 7/10/01
		Schroeder, Max, "Adaptation And Evolution," Communications Convergence, 7/5/01
		Johnson, Amy Helen, "Persistence Pays Off For Wireless Vendor," Computerworld, 7/2/01
		Gibbs, Mark, "Non-stop wireless," Network World Web Applications Newsletter, 6/20/01
		Franklin, Curtis, "Wireless Works: NetMotion makes the difference in wireless networks," Internet Week 5/7/01
		"WRQ's NetMotion raises $8M," MSNBC.com, 4/3/01
		"Dealflow," Red Herring Communications, 4/5/01
		~~Elad, Barry, "The Money is Back in Motion," Seattle.Internet.com~~
		"NetMotion, a WRQ spinoff, closes a round of funding," Seattle Times, Business Digest, 4/3/01
		"WRQ's mobile access unit now NetMotion," Seattle P-I, Tech Digest, Business section, 4/3/01
		"WRQ Creates NetMotion Wireless," eAI Journal, 4/10/01
		Nelson, Matthew G., "WRQ Plans Wireless Spin-off," Information Week Via Comm Web, 4/4/01
		"Top Wireless Specialists Offer NetMotion Wireless Solution, Wireless Week, 4/4/01
		"WRQ Creates NetMotion Wireless," The Unstrung Stringer (www.unstrung.com), 4/4/01http://www.unstrung/
		"WRQ Spins off its Mobile Access Business Unit," Mobileinfo.com, News section, Issue #2001 – 16, April 2001 (Updated 4/18/01)
		"WRQ Spins Off Mobile Business As NetMotion Wireless," Midrange Computing 4/3/01
		"NetMotion lands $8 million in spinoff," PSBJ Online (Puget Sound Business Journal), 4/3/01
		"Top Wireless Specialists Offer NetMotion Wireless Solution," PR Newswire (Today's News), 4/18/01
		"NetMotion Wireless Makes $8 Million," Deal Watch Daily, 4/3/01
		Schuurmans, Jos, "NetMotion Wireless spun off as version 2 available," WOW! Wireless, 3/6/01
		"New Products," Wireless Week (Wireless Review via NewsEdge Corporation), 2/5/01
		"Going Mobile: Are Apps to Go the Way to Go?" Application Planet (2/1/01)
		Rash, Wayne, "Wireless Networks Are Great, But Don't Forget The Security," Internet Week, 1/22/01
		Harris, Siân, "Standards debate entangles wireless local-area networks," Wireless Web, January 2001
		Veldkamp, Tania, "Roaming over routers nu ook met Pocket PC's," [Dutch] VNUnet.nl, 12/21/00
		Elachi, Joanna, "WRQ Ships NetMotion 2.0," CommWeb, 12/12/00
		"NetMotion Increases Features," CE city (now dba Pocket PC city), 12/12/00
		Poropudas, Timo, "Mainframe emulator skills come in handy for wireless roaming," WOW! Wireless, 12/8/00
		Wexler, Joanie, "Mobile IP gotcha," Network World Wireless in the Enterprise Newsletter, 12/4/00
		Julien, Shelly, "Smooth Wireless Glitches," ComNews.com, October 2000
		Rist, Oliver, "A Wonderful Wireless World at Fall N+I," Planet IT (NetMotion Wireless), 10/18/00
(B1)		Glascock, Stuart, "Intel Debuts NetStructure Appliances at N+I," CMPnet, the Technology Network, 9/26/00

*Examiner	Boatey Pinto	Date Considered	6/15/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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Atty. Docket No.	Serial No.
3978-2	09/660,500
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Filing Date	**Group**
September 12, 2000	2155

OIPE
JUL 14 2003
PATENT & TRADEMARK OFFICE

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)
BP		"Breaking News," WIRELESS WEEK (4/23/01)
		C. Perkins and J. Tangirala, "DHCP for Mobile Networking with TCP/IP," Proc. IEEE Int'l Symp. Systems and Comm., June 1995, pp. 255-261.
		R. Droms, "Dynamic Host Configuration Protocol," IETF RFC 2131, Mar. 1997.
		S. Alexander and R. Droms, "DHCP Options and BOOTP Vendor Extensions," IETF RFC 2132, Mar. 1997.
BP		Perkins, C., "Mobile Networking Through Mobile IP," Copyright 1997 Institute of Electrical and Electronics Engineers, Inc., 15 pages

754492

RECEIVED
JUL 15 2003.
Technology Center 2100

*Examiner	Beatrice Perez	Date Considered	6/19/05

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3978-2	09/660,500
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HANSON ET AL.	
Filing Date	**Group**
September 12, 2000	2155

JUL 14 2003 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		6,198,920 B1	3/2001	Doviak et al			
BP		6,418,324	07/2002	Doviak et al.			

RECEIVED
JUL 15 2003
Technology Center 2100

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

BP	Product Information, PadCom, Inc, PadCom Connectivity Suite, "Connectivity Suite Technical Overview".(2001, 2002)

*Examiner	Beatrice Swiles	Date Considered	6/15/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

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INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
(Use several sheets if necessary)	3978-2	09/660,500
	APPLICANT	RECEIVED
	HANSON et al.	SEP 2 0 2002
	FILING DATE	GROUP
	12 September 2000	2152

Technology Center 2100

BP		Julien, Shelly, "Bringing Down the Barriers to Wireless Computing," Wireless Design Online: News and Analysis, 7/24/00
		"First Things First: Top 10 Things to Know About Wireless," Network Computing, 7/10/00
		"Networld + Interop 2000 Las Vegas," [German] LANline, July 2000
		"Microvision Teams With WRQ to Pursue Opportunities for Mobile Computing in Wireless LAN and WAN Markets," PR Newswire (Company News On Call), 6/1/00
		"Draadloos het netwerk op," [Dutch] VNUnet.nl, 5/25/00
		Glascock, Stuart, "Vendors Get Early Start on Showcasing Wares," TechWeb News, 5/9/00
		"NetMotion Keeps Wireless Connections Going, No Matter What," The Jerusalem Post, Internet Edition (4/2/00)
		"Actualité/En bref," [French] Le Journal du Net, 3/28/00
		"WRQ Takes Wraps Off NetMotion Connectivity Manager," Xephon, 3/24/00
		Rist, Oliver, and Brian Chee, "Look, Ma ... No Wires," Internet Week Online, 3/14/00
		~~TEKNIQUE, Data Sheet, TransNet II Wireless Gateway, WIRELESS - A WIDE AREA VIEWPOINT, Schaumburg, IL, 8 pages~~
		~~TEKNIQUE, Data Sheet, TransRMail, Schaumburg, IL, 8 pages~~
		TEKNIQUE, Data Sheet, TX5000 High Performance Communication Processor, Schaumburg, IL, 2 pages (1994)
		~~TEKNIQUE, Data Sheet, Optimized TCP/IP over Wireless, Schaumburg, IL, 5 pages~~
		TEKNIQUE, Data Sheet, TX1000 High Performance Communication Processor, Schaumburg, IL, 2 pages (1994)
		~~TEKNIQUE, Data Sheet, TX2000 High Performance Communication Processor, Schaumburg, IL, 8 pages~~
		~~TEKNIQUE, Data Sheet, TransNet II Wireless Gateway Services, Schaumburg, IL, 2 pages~~
		IBM, Leading the Way for wireless data communication, ARTour, Research Triangle Park, NC 4 pages (9/1995)
		M3i RadioLink, Overview, Management through instant interactive information, 7 pages (6/1995)
		Web site information, WRQ AtGuard, www.atguard.com (copyright 1999)
		Press release, "WRQ Licenses AtGuard to Symantec and ASCII Network Technology" (copyright 1999)
		Datability Software Systems Inc., New York, NY "Proposal Presented to Digital Equipment Corporation Large System Group, Marlboro, Massachusetts" (7/7/1983)
		Datability Software Systems Inc., New York, NY, "CONTROL-PC, Information Management System, System Builder Manual, Draft Version (04/1986)
		Datability Software Systems Inc., New York, NY, "Remote Access Facility, User's Guide" (copyright 1985, 1986, 1987, 1988)
BP		~~NetMotion Wireless Product Documentation on CD; with 2 page printout of contents~~

*Examiner	Lester Kirk	Date Considered	6/15/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	3978-2	09/660,500
	APPLICANT	
(Use several sheets if necessary)	HANSON et al.	
	FILING DATE	GROUP
	12 September 2000	2152

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SEP 2 0 2002
Technology Center 2100

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BI		4,837,800	06/1989	Freeburg et al.			
		4,912,756	03/1990	Hop			
		5,159,592	10/1992	Perkins			
		5,276,680	01/1994	Messenger			
		5,410,543	04/1995	Seitz et al.			
		5,426,637	06/1995	Derby et al.			
		5,446,736	08/1995	Gleeson et al.			
		5,490,139	02/1996	Baker et al.			
		5,566,225	10/1996	Haas			
		5,572,528	11/1996	Shuen			
		5,574,774	11/1996	Ahlberg et al.			
		5,664,007	09/1997	Samadi et al.			
		5,752,185	05/1998	Ahuja			
		5,796,727	08/1998	Harrison et al.			
		5,848,064	12/1998	Cowan			
		5,856,974	01/1999	Gervais et al.			
		5,889,816	03/1999	Agrawal et al.			
BI		6,308,281 B1	10/2001	Hall, Jr. et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

BI		Montenegro, G., Sun Microsystems, Inc., INTERNET DRAFT, "Reverse Tunneling for Mobile IP," 1/12/1997
		Bakre, A.; Badrinath, B.R., "I-TCP: Indirect TCP for Mobile Hosts," Department of Computer Science, Rutgers University, Piscataway,NJ 08855, DCS-TR-314, October 1994
		INTERNET DRAFT Piscitello, D., Phifer, L. Core Competence, Wang, Y., Hovey, R. Bellcore: "Mobile Network Computing Protocol (MNCP)," 9/3/97
		Maltz, David A., Bhagwat, Pravin, "MSOCKS: An Architecture for Transport Layer Mobility," 1998 IEEE, 0-7803-4386-7/98
		"Cast Your Vote For 'Wireless Survivor'," Wireless Week, 9/11/00
		Zetie, Carl, "WRQ NetMotion Provides a Simple Solution to Mobility," Giga Information Group, 9/6/00
BI		"WRQ NetMotion -- A Solution for IT Wanderlust," Mobile Insights (9/2/00)

633426*Examiner	Beatrice Pinch	Date Considered	6/15/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	3978-2	09/660,500
	APPLICANT	
	HANSON et al.	
	FILING DATE	GROUP
	12 September 2000	2152

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PATENT & TRADEMARK

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
(G)		5,610,595	03/1997	Garrabrant et al.			
		6,091,951	07/2000	Sturniolo et al.			
		6,154,461	11/2000	Sturniolo et al.			
		6,161,123	12/2000	Renouard et al.			
(H)		6,201,962 B1	03/2001	Sturniolo			

RECEIVED
MAY 10 2002
Technology Center 2100

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

(I)	Kojo, M., Raatikainen, K., Alanko, T: Connecting Mobile Workstations to the Internet over a Digital Cellular Telephone Network. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1994-39. September 1994. Published also in Proceedings of the Mobidata Workshop, Rutgers University, NJ, Nov 1994.
	Alanko, T., Kojo, M., Laamanen, H., Liljeberg, M., Moilanen, M., Raatikainen, K: Measured Performance of Data Transmission Over Cellular Telephone Networks. Computer Communications Review, 24(1994)5. Published also as Technical Report: University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1994-53.
	Kojo, M., Alanko, T., Liljeberg, M., Raatikainen, K: Enhanced Communication Services for Mobile TCP/IP Networking. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1995-15. April 1995.
	Liljeberg, M., Alanko, T., Kojo, M., Laamanen, H., Raatikainen, K: Optimizing World-Wide Web for Weakly Connected Mobile Workstations: An Indirect Approach. In Proc. 2nd International Workshop on Services in Distributed and Networked Environments (SDNE'95) June 5th - 6th, 1995, Whistler, Canada.
	Laamanen, H: An Experiment of Dependability and Performance of GSM Access to Fixed Data Network. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1995-41. September 1995.
	Kiiskinen J., Kojo, M., Liljeberg, M., Raatikainen, K: Data Channel Service for Wireless Telephone Links. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1996-1. January 1996. Published also in Proceedings of the 2nd International Mobile Computing Conference, Hsinchu, Taiwan, ROC, March 25-27, 1996.
	Liljeberg, M., Helin, H., Kojo, M., Raatikainen, K: Enhanced Service for World-Wide Web in Mobile WAN Environment. University of Helsinki, Department of Computer Science, Series of Publications C, No. C-1996-28. April 1996. (Revised version published in Proceedings of the IEEE Global Internet 1996 Conference, London, England, November 20-21, 1996.)
	Alanko T., Kojo M., Liljeberg M., Raatikainen K.: Mowgli: Improvements for Internet Applications Using Slow Wireless Links. Proc. 8th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Helsinki, Finland, September 1997.
	Kojo M., Raatikainen K., Liljeberg M., Kiiskinen J., Alanko T.: An Efficient Transport Service for Slow Wireless Telephone Links. IEEE Journal on Selected Areas in Communications, Vol. 15, No. 7, September 1997.
(J)	"MOWGLI, Mobile Office Workstations using GSM Links," University of Helsinki Dept. of Computer Science, Helsinki, Finland (2/2000)

*Examiner	Gustavo Pinto	Date Considered	6/15/05

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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INFORMATION DISCLOSURE CITATION

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SERIAL NO. 09/660,500

APPLICANT HANSON et al.

FILING DATE 12 September 2000

GROUP 2152

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,006,090	12/1999	Coleman et al.			
		6,147,986	11/2000	Orsic			
		6,167,513	12/2000	Inoue et al.			
		6,170,057 B1	01/2001	Inoue et al.			
		6,230,004 B1	05/2001	Hall et al.			
		6,249,818 B1	06/2001	Sharma			

RECEIVED
FEB 07 2002
Technology Center 2100

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

*Examiner		Date Considered	
	Santa Pinto		6/15/05

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INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO. 2452-16

SERIAL NO. 09/660,500

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FILING DATE 12 September 2000

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OIPE DEC 17 2000 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BI		5,968,176	10/1999	Nessett et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

*Examiner	Barbara Burns	Date Considered	6/15/05

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INFORMATION DISCLOSURE CITATION

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APPLICANT HANSON et al.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL			DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BI			5,159,592	10/1992	Perkins			
			5,181,200	01/1993	Harrison			
			5,212,806	05/1993	Natarajan			
			5,224,098	06/1993	Bird et al.			
			5,307,490	04/1994	Davidson et al.			
			5,349,678	09/1994	Morris et al.			
			5,442,791	08/1995	Wrabetz et al.			
			5,475,819	12/1995	Miller et al.			
			5,481,535	01/1996	Hershey			
			5,491,800	02/1996	Goldsmith et al.			
			5,499,343	03/1996	Pettus			
			5,515,508	05/1996	Pettus et al.			
			5,548,723	08/1996	Pettus			
			5,559,800	09/1996	Mousseau et al.			
			5,564,070	01/1996	Want et al.			
			5,568,645	10/1996	Morris et al.			
			5,602,916	02/1997	Grube et al.			
			5,623,601	04/1997	Vu			
			5,633,868	05/1997	Baldwin et al.			
			5,673,322	09/1997	Pepe et al.			
			5,682,534	10/1997	Kapoor et al.			
			5,717,737	02/1998	Doviak et al.			
			5,721,818	02/1998	Hanif et al.			
			5,724,346	03/1998	Kobayashi et al.			
			5,732,074	03/1998	Spaur et al.			
			5,748,897	05/1998	Katiyar			
			5,758,186	05/1998	Hamilton et al.			
			5,768,525	06/1998	Kralowetz et al.			
			5,771,459	06/1998	Demery et al.			
BI			5,784,643	07/1998	Shields			

*Examiner	Beatrice Swanson	Date Considered	6/15/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
	2452-5	09/330,310
	APPLICANT	
	HANSON et al.	
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FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OIPE JC139 DEC 12 2000 PATENT & TRADEMARK OFFICE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

BP	Microsoft Support Online Knowledge Base Search Results, "DHCP (Dynamic Host Configuration Protocol) - Basics," Article ID: Q120829, (Revision Date 9/24/1996)
	O'Reilly Online Catalog, "Windows NT TCP/IP Network Administration," Chapter 6, 25 pages (undated)
	WRQ White Paper, "TCP/IP: The Best Protocol for Remote Computing," 13 pages (11/14/1996)
	WRQ White Paper, "Reducing the Cost of PC Connectivity," 7 pages (11/25/1996)
	WRQ White Paper, "TCP Kernel Architecture-The Silent TCP/IP Issue," 4 pages (11/14/1996)
	WRQ White Paper, "How WRQ's TCP/IP Reduces Costs and Improves Reliability in Remote and Mobile Computing," 5 pages (11/14/1996)
	~~Zenel, Bruce, Thesis Proposal, "A Proxy Based Filtering Mechanism for The Mobile Environment," Dept. of Computer Science, Columbia University, New York, NY, 53 pages (undated)~~
	Badrinath, B.R., et al., "Handling Mobile Clients: A Case for Indirect Inteaction," Department of Computer Science, Rutgers University, 7 pages (10/1993)
	Brown, Kevin, et al., "M-UDP: UDP for Mobile Cellular Networks," Department of Computer Science, University of South Carolina, 19 pages (9/4/1996)
BP	Brown, Kevin, et al., "M-TCP: TCP for Mobile Cellular Networks," Department of Computer Science, University

*Examiner	Kenton Prosh	Date Considered	6/15/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
	2452-5	09/330,310
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	HANSON et al.	
(Use several sheets if necessary)	FILING DATE	GROUP
	11 June 1999	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

BI	of South Carolina, 25 pages (7/29/1997)
	~~Zenel, Bruce et al., "A General Purpose Proxy Filtering Mechanism Applied to the Mobile Environment," 13 pages (undated)~~
	Piscitello, D., Internet Draft, "Mobile Network Computing Protocol (MNCP)," 55 pages (8/28/1997)
	Bakre, Ajay et al., "M-RPC: A Remote Procedure Call Service for Mobile Clients," ACM Presents MobiCom '95, Proceedings of The First Annual International Conference on Mobile Computing and Networking, pages 97-110 (11/13-15/1995)
BI	Droms, R., Network Working Group, Request for Comments memo, "Dynamic Host Configuration Protocol," Bucknell University, 39 pages (10/1993)

OIPE JC139 DEC 22 2000 PATENT & TRADEMARK OFFICE

*Examiner	Gustavo Pinto	Date Considered	6/15/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
2452-5	09/330,310
APPLICANT	
HANSON et al.	
FILING DATE	**GROUP**
11 June 1999	2777

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		5,935,212	08/1999	Kalajan et al.			
		5,768,525	06/1998	Kralowetz et al.			
		5,754,774	05/1998	Bittinger et al.			
BP		5,657,390	08/1997	Elgamal et al.			

OIPE
DEC 22 2000
PATENT & TRADEMARK OFFICE

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

BP	Information Sciences Institute, "Transmission Control Protocol-DARPA Internet Program Protocol Specification," Sept. 1981; http://www.csl.sony.co.jp/cgi-bin/hyperrfc?rfc793.txt.
BP	Berners-Lee et al., "Hypertext Transfer Protocol-HTTP/1.0"; May 1996; http://www.cis.ohio-state.edu/htbin/rfc/rfc1945.html

*Examiner	Beatrice Swiaty	Date Considered	6/15/01

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.